

Patents

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
Donald L. Runyon et al.)
) Art Unit: 3662
Serial No.: 10/623,379)
) Examiner: Theodore M. Blum
Filed: July 18, 2003)
)
For: Vertical Electrical Downtilt Antenna)
)

AMENDMENT DATED AUGUST 6, 2004

Please amend the present application as shown:

In the Specification

Please amend the section on page 1, lines 1-14 as shown below:

This application incorporated by reference the disclosures of commonly owned United States Patent Application Serial Number 10/290,838 entitled "Variable Power Divider" filed on November 8, 2002; United States Patent Application Serial Number 10/226,641 entitled "Microstrip Phase Shifter" filed on August 23, 2002; and United States Patent Application Serial Number 10/623,382 entitled "Double-Sided, Edge-Mounted Stripline Signal Processing Modules And Modular Network" filed on July 18, 2003.

Please amend the paragraph on page 10, lines 10-20 as shown below:

Referring again to FIG. 3, the voltage drive signals V_1 and V_2 provide input signals to the multi-beam beam forming network 40, which is typically configured as an orthogonal two-by-four beam forming network or a four-by-four Butler matrix with two of the input ports shunted to ground through impedance matching resistors. FIGS. 5A-D illustrates the later configuration. Both configurations, along with a number of other signal processing modules, are described in detail in commonly owned United States Patent Application Serial Number 10/623,382 entitled "Double-Sided, Edge-Mounted Stripline Signal Processing Modules And Modular Network" filed on July 18, 2003, which is incorporated herein by reference. Although the beam forming network 40 need not be configured as a double-sided, edge-mounted module, this configuration results in may advantages.